

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004942

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A47C21/06 A61F5/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47C A61F A61G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6 341 393 B1 (VOTEL THOMAS W) 29 January 2002 (2002-01-29) column 51, lines 11-18 column 52, lines 21-47, 43-46; figures 156-159	1, 7-22, 26-28 2-6, 23-25
X	US 5 137 033 A (NORTON ET AL) 11 August 1992 (1992-08-11) column 2, lines 3-31; figures	1
X	US 5 291 181 A (DEPONTE ET AL) 1 March 1994 (1994-03-01) column 5, lines 3-5, 20-23, 44-46, 51-64 column 6, lines 8-10, 28-30, 51-53; claim 9; figures 1, 2, 5	1
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

4 April 2005

Date of mailing of the international search report

22/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Amghar, N

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004942

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 020789 A (KAMIYAMA KISHIKO), 23 January 1998 (1998-01-23) abstract	1,2
A	EP 1 138 293 A (THE PROCTER & GAMBLE COMPANY) 4 October 2001 (2001-10-04) paragraphs '0057!, '0058!; claim 2	1,2
A	WO 94/10958 A (MITCHELL, WINALEE, G) 26 May 1994 (1994-05-26) claim 9; figures 2-5	1,2

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/004942

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6341393	B1	29-01-2002	US 6378148 B1 30-04-2002
			US 5890238 A 06-04-1999
			US 5737781 A 14-04-1998
			CA 2344553 A1 27-04-2000
			WO 0023026 A2 27-04-2000
			US 6496991 B1 24-12-2002
			US 2002029418 A1 14-03-2002
			US 2004221388 A1 11-11-2004
			EP 0865245 A1 23-09-1998
			JP 11512322 T 26-10-1999
			AU 7109196 A 01-04-1997
			CA 2231995 A1 20-03-1997
			WO 9709896 A1 20-03-1997
			AU 7106498 A 30-10-1998
			CA 2285956 A1 15-10-1998
			EP 0984760 A1 15-03-2000
			JP 2001517107 T 02-10-2001
			WO 9844889 A1 15-10-1998
US 5137033	A	11-08-1992	NONE
US 5291181	A	01-03-1994	US 5459452 A 17-10-1995
JP 10020789	A	23-01-1998	NONE
EP 1138293	A	04-10-2001	EP 1138293 A1 04-10-2001
			AU 4771801 A 08-10-2001
			BR 0109098 A 03-06-2003
			CA 2403872 A1 04-10-2001
			CN 1420751 A 28-05-2003
			CZ 20022984 A3 13-11-2002
			EG 22397 A 29-01-2003
			HU 0300003 A2 28-04-2003
			JP 2003527928 T 24-09-2003
			MX PA02008523 A 13-12-2002
			WO 0172252 A1 04-10-2001
			US 2003065299 A1 03-04-2003
			ZA 200206908 A 03-07-2003
WO 9410958	A	26-05-1994	US 5354289 A 11-10-1994
			AU 5600194 A 08-06-1994
			CA 2149325 A1 26-05-1994
			EP 0727975 A1 28-08-1996
			WO 9410958 A1 26-05-1994